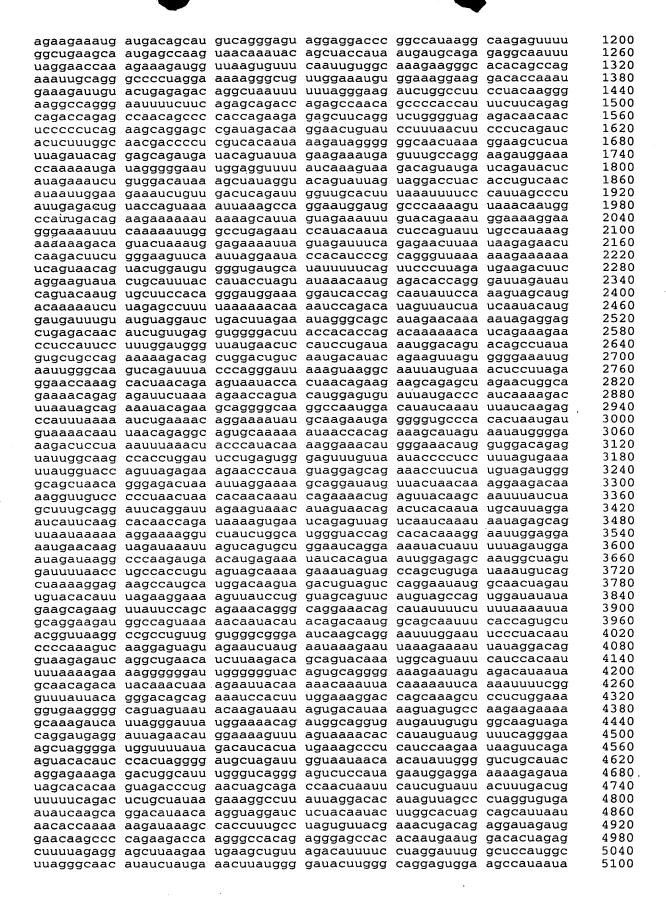
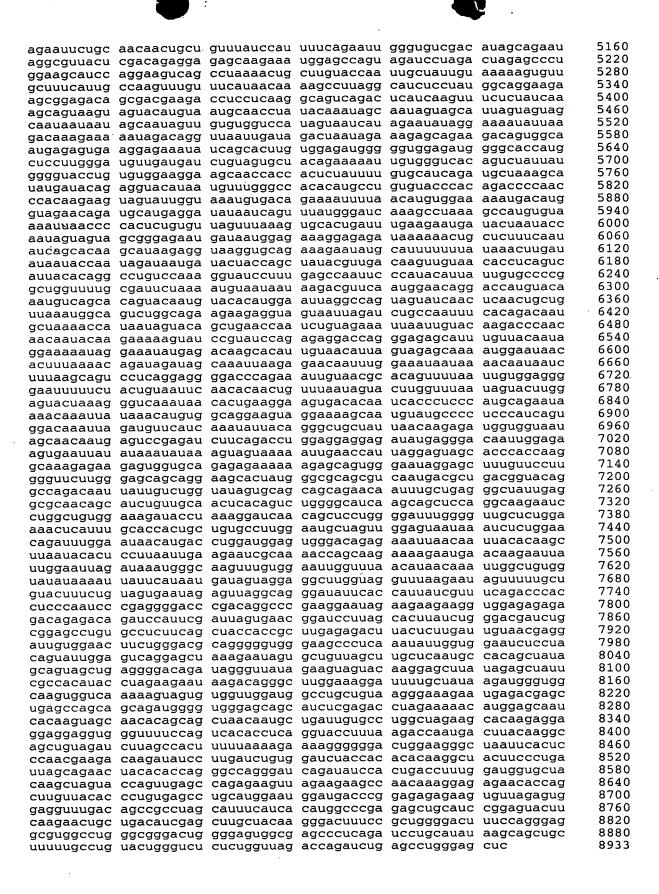


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<110> Nunomura, Kiyotada
        <120> POLYNUCLEOTIDE AMPLIFICATION METHOD
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        <160> 9
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        <210>.1
        <211> 55
        <212> DNA
        <213> Artificial Sequence
        <220>
        <223> Primer T7A(-)4190
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                                                                                  55
        <210> 2
        <211> 19
        <212> DNA
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        <220>
        <223> Primer (+)4108
        <400> 2
                                                                                  19
 acagcagtac aaatggcag
        <210> 3
        <211> 8933
        <212> RNA
        <213> Human Immurodeficiency Virus
        <220>
        <221> source
        <222> (1).../(8933)
        <223> Sequence of transcripts produced from the BH10
              plasmid.
        <400>3
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cgacugguga gyacgccaaa aauuuugacu agcggaggcu agaaggagag agaugggugc
                                                                                120
                                                                                180
gagageguca guauuaageg ggggagaauu agauegaugg gaaaaaauue gguuaaggee
agggggaaag aaaaauaua aauuaaaaca uauaguaugg gcaagcaggg agcuagaacg auucgcaguu aauccuggcc uguuagaaac aucagaaggc uguagacaaa uacugggaca gcuacaacca ucccuucaga caggaucaga agaacuuaga ucauuauaua auacaguagc
                                                                                240
                                                                                300
                                                                                360
                                                                                420
aacccucuáu ugugugcauc aaaggauaga gauaaaagac accaaggaag cuuuagacaa
gauagaggaa gagcaaaaca aaaguaagaa aaaagcacag caagcagcag cugacacagg
                                                                                480
acacageagu caggucagcc aaaauuaccc uauagugcag aacauccagg ggcaaauggu acaucaggcc auaucaccua gaacuuuaaa ugcaugggua aaaguaguag aagagaaggc
                                                                                540
                                                                                600
uuucagcca gaaguaauac ccauguuuuc agcauuauca gaaggagcca ccccacaaga
                                                                                660
                                                                                720
uuuahaacacc augcuaaaca cagugggggg acaucaagca gccaugcaaa uguuaaaaga
gaccaucaau gaggaagcug cagaauggga uagaguacau ccagugcaug cagggccuau
                                                                                780
                                                                                840
ugcaccagge cagaugagag aaccaagggg aagugacaua gcaggaacua cuaguacccu
ucaggaacaa auaggaugga ugacaaauaa uccaccuauc ccaguaggag aaauuuauaa
                                                                                900
                                                                                960
dagauggaua auccugggau uaaauaaaau aguaagaaug uauagcccua ccagcauucu
ggacauaaga caaggaccaa aagaaccuuu uagagacuau guagaccggu ucuauaaaac
                                                                               1020
ucuaagagcc gagcaagcuu cacaggaggu aaaaaauugg augacagaaa ccuuguuggu
                                                                               1080
ccaaaaugcg aacccagauu guaagacuau uuuaaaagca uugggaccag cggcuacacu
                                                                               1140
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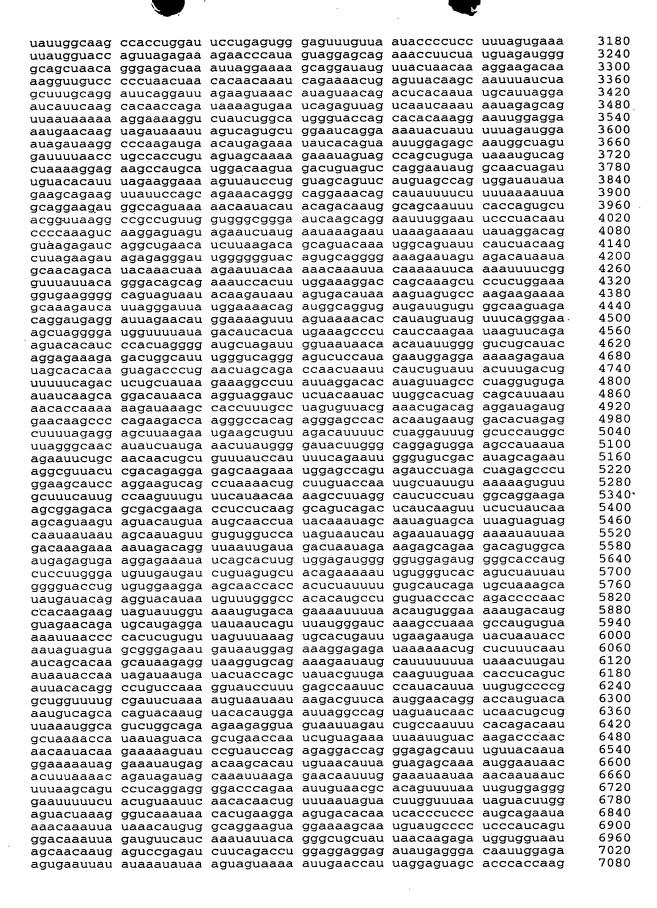


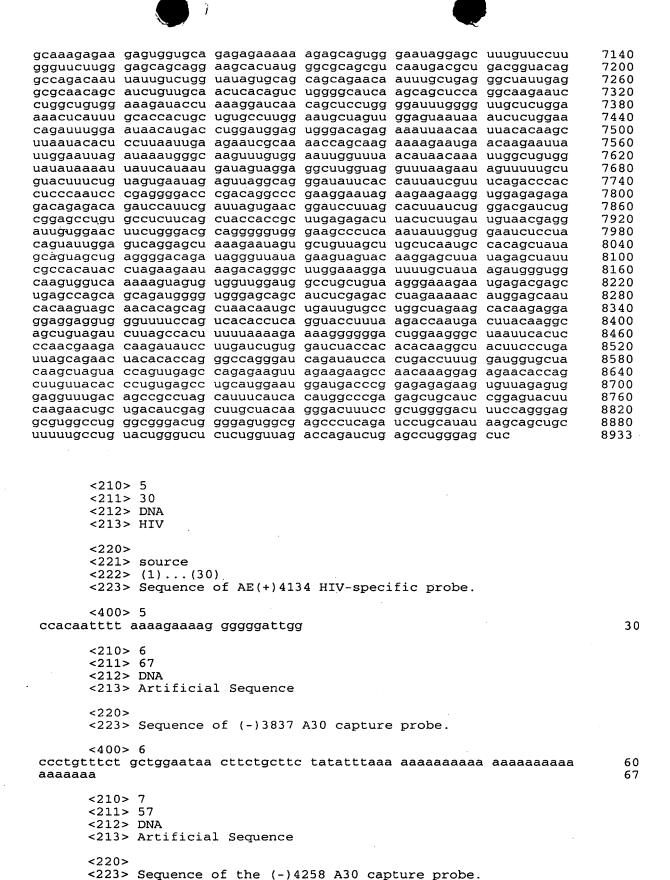
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<210> 4
<211> 8933
<212> RNA
<213> Artificial Sequence

<220>
<223> Sequence of the IAC-Asrc pseudo target

<221> mutation
<222> (4135)...(4155)
<223> Mutated positions: 4135, 4140-1, 4145, 4150, 4152-3, 4155
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<400> 7
57
      <210>8
      <211> 22
      <212> DNA
      <213> HIV
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      <221> source
      <222> (0)...(0)
      <223> Sequence of the AE(+)4134b probe
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      <223> Sequence of the IAC-Bscr pseudo target
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      <223> Mutated positions: 4140-42, 4145-47, 4152,
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                                                                     120
gagagcguca guauuaagcg ggggagaauu agaucgaugg gaaaaaauuc gguuaaggcc
                                                                     180
                                                                     240
agggggaaag aaaaaauaua aauuaaaaca uauaguaugg gcaagcaggg agcuagaacg
auucgcaguu aauccuggcc uguuagaaac aucagaaggc uguagacaaa uacugggaca
                                                                     300
                                                                     360
gcuacaacca ucccuucaga caggaucaga agaacuuaga ucauuauaua auacaguagc
aacccucuau ugugugcauc aaaggauaga gauaaaagac accaaggaag cuuuagacaa
                                                                     420
gauagaggaa gagcaaaaca aaaguaagaa aaaagcacag caagcagcag cugacacagg
                                                                     480
                                                                     540
acacagcagu caggucagcc aaaauuaccc uauagugcag aacauccagg ggcaaauggu
acaucaggcc auaucaccua gaacuuuaaa ugcaugggua aaaguaguag aagagaaggc
                                                                     600
                                                                     660
uuucagccca gaaguaauac ccauguuuuc agcauuauca gaaggagcca ccccacaaga
uuuaaacacc augcuaaaca cagugggggg acaucaagca gccaugcaaa uguuaaaaga
                                                                     720
gaccaucaau gaggaagcug cagaauggga uagaguacau ccagugcaug cagggccuau
                                                                     780
                                                                     840
ugcaccagge cagaugagag aaccaagggg aagugacaua gcaggaacua cuaguacccu
ucaggaacaa auaggaugga ugacaaauaa uccaccuauc ccaguaggag aaauuuauaa
                                                                     900
aagauggaua auccugggau uaaauaaaau aguaagaaug uauagcccua ccagcauucu
                                                                     960
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                                                                     1020
                                                                     1080
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ccaaaaugcg aacccagauu guaagacuau uuuaaaagca uugggaccag cggcuacacu
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                                                                    1200
ggcugaagca augagccaag uaacaaauac agcuaccaua augaugcaga gaggcaauuu
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uaggaaccaa agaaagaugg uuaaguguuu caauuguggc aaagaagggc acacagccag
                                                                    1320
                                                                    1380
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gaaagauugu acugagagac aggcuaauuu uuuagggaag aucuggccuu ccuacaaggg
                                                                    1440
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cagaccagag ccaacagccc caccagaaga gagcuucagg ucugggguag agacaacaac
                                                                    1560
ucccccucag aagcaggagc cgauagacaa ggaacuguau ccuuuaacuu cccucagauc
                                                                    1620
                                                                    1680
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uuagauacag gagcagauga uacaguauua gaagaaauga guuugccagg aagauggaaa
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                                                                    1800
auagaaaucu guggacauaa agcuauaggu acaguauuag uaggaccuac accugucaac
                                                                    1860
auaauuggaa gaaaucuguu gacucagauu gguugcacuu uaaauuuucc cauuagcccu
                                                                    1920
auugagacug uaccaguaaa auuaaagcca ggaauggaug gcccaaaagu uaaacaaugg
                                                                    1980
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                                                                    2040
gggaaaauuu caaaaauugg gccugagaau ccauacaaua cuccaguauu ugccauaaag
                                                                    2100
aaaaaagaca guacuaaaug gagaaaauua guagauuuca gagaacuuaa uaagagaacu
                                                                    2160
```

